



STATE OF UTAH
DEPARTMENT OF HEALTH

NORMAN H. BANGERTE, GOVERNOR

SUZANNE DANDY, M.D., M.P.H., EXECUTIVE DIRECTOR

July 15, 1985
533-6146

RECEIVED

JUL 16 1985

Miss Sue Lanier
Dept. of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Traid Center, Suite 350
Salt Lake City, UT 84180-1203

DIVISION OF OIL
GAS & MINING
RE: Getty Mercur Mine
Heap Leach Facilities
Reclamation Bond

Dear Miss Lanier:

In a conversation with Mr. Tom Suchoski of your Office it was concluded that some of the Bureau of Water Pollution Control concerns about the quality of the water from the heap leach dumps once the leaching operations are completed could be included in the bond required by your agency. Mr. Suchoski indicated that we should submit a description of our concerns and any stipulations for your review and consideration.

The project initially consists of two (2) large heap leach dumps, one approximately 800 feet by 600 feet by 115 feet high and the other approximately 400 feet by 1200 feet by 115 feet high. Extensive geological investigation has taken place and the conclusion was that a synthetic liner and leak detection system would be required to protect an aquifer recharge area beneath the dumps.

The concern is that once the Leaching Operations are completed and the dumps have been neutralized there will be no means to insure that surface runoff facilities and facilities to prevent precipitation from entering the dump will be constructed. We therefore request that the following items be covered under the bond which your agency will require.

1. The Leach Dump will be neutralized to a cyanide level of 0.2 mg/l.
2. While the Leach Dump is being neutralized at least one test for arsenic, lead and heavy metals will be conducted and the results submitted to this office for review.

KENNETH L. ALKEMA, DIRECTOR • DIVISION OF ENVIRONMENTAL HEALTH

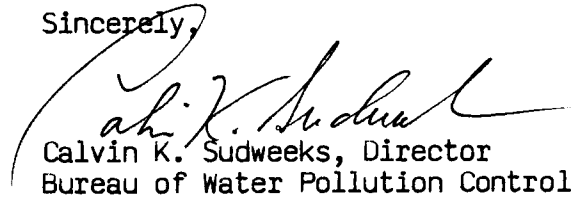
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3. Surface runoff facilities will be constructed to divert surface runoff around and away from the heap.
4. An acceptable impervious cap will cover the entire top of the heap and will be sloped so all precipitation which falls on the cap will flow into the surface runoff facilities.

We appreciate the opportunity to have these critical concerns included as part of the requirements of your bond.

Please call Mr. Charlie Dietz (533-6146) if there are any questions.

Sincerely,



Calvin K. Sudweeks, Director
Bureau of Water Pollution Control

CGD:dm

cc: Tooele County Health Department

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